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JAN 16 2007

**FACSIMILE TRANSMITTAL SHEET (TRANSMITTAL TO USPTO)**

Deliver to: Examiner Bryan Bui  
 Firm Name: U.S. PATENT AND TRADEMARK OFFICE  
 Fax Number: (571) 273-8300 Telephone No.: (571)272-2271  
 From: Jan Little-Washington, Reg. No. 41,181  
 Date: January 16, 2007 Time: \_\_\_\_\_  
 Operator: Yuko Tanaka Matter: 4735.P005  
 Number of pages including cover sheet: 15  
 In Re Patent Application of: Soma et al.  
 Application No.: 10/665,970 Confirmation No.: 8349  
 Filed: September 18, 2003 Art Unit: 2863  
 For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING  
WAVELET-BASED PARAMETER EXTRACTION

Enclosed are the following documents:

- Amendment Transmittal, in duplicate (4 pages)**
- Response and Amendment (10 page)**

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A check in the amount of \$\_\_\_\_\_ is attached for presentation of additional claim(s).

Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).

A check for \$\_\_\_\_\_ is attached for processing fees under 37 C.F.R. § 1.17.

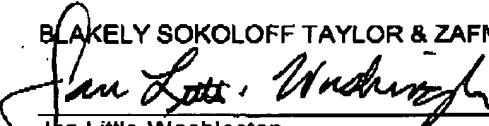
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Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.

Any extension or petition fees under 37 C.F.R. § 1.17.

Date: 1/16/2007

BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN LLP

  
Jan Little-Washington

Reg. No. 41,181

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Los Angeles, California 90025  
(206) 292-8600

Attorney's Docket No.: 4735.P005PatentIn re the Application of: Soma et al.  
(inventor(s))Application No.: 10/665,970**AMENDMENT UNDER**

37 C.F.R. § 1.116

**EXPEDITED PROCEDURE**Filed: September 18, 2003**EXAMINING GROUP** 2800For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING WAVELET-BASED  
PARAMETER EXTRACTION  
(title)Mail Stop AF  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR: Transmitted herewith is a Response and Amendment for the above-referenced application.

Applicant claims small entity status. See 37 CFR 1.27.

 **No additional claim fee is required.**  
 **A Notice of Appeal is enclosed.**

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	* 30	Minus	** 38	0	X25	\$
Indep. Claims	* 8	Minus	*** 8	0	X100	\$
<b>First Presentation of Multiple Dependent Claim(s)</b>					+180	\$
					Total Add. Fee	\$
					Total Add. Fee	\$ 0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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Date of Transmission January 16, 2007Yuko Tanaka

(Typed or printed name of person transmitting paper)

Y. Tanaka

(Signature of person transmitting paper)

A check in the amount of \$ \_\_\_\_\_ is attached for presentation of additional claim(s).

Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).

A check for \$ \_\_\_\_\_ is attached for processing fees under 37 C.F.R. § 1.17.

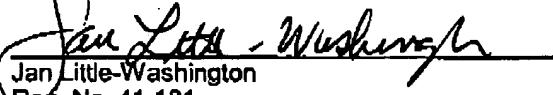
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Any extension or petition fees under 37 C.F.R. § 1.17.

Date: 1/16/2007

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Attorney's Docket No.: 4735.P005

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
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 Soma et al. ) Examiner: Bui, Bryan  
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 Application No.: 10/665,970 ) Art Unit: 2863  
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 For: CHARACTERIZATION OF RADIO )  
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 WAVELET-BASED PARAMETER )  
 EXTRACTION )

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**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.116 AND 1.121**

Sir or Madam:

In response to the Final Office Action mailed November 15, 2006, Applicants submit the following Amendment and Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.

4735.P005  
 Serial No. 10/665,970

- 1 -

Examiner: Bui, Bryan.  
 Art Unit: 2863

PAGE 6/15 \* RCVD AT 1/16/2007 4:12:18 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/30 \* DNIS:2738300 \* CSID:2062928606 \* DURATION (mm:ss):02:20